Technical sheet:

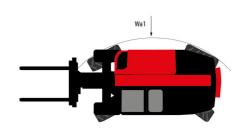
# **ULM 412 H**

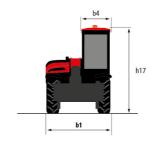


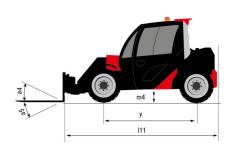


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Capacities	Metric	
Max. capacity	Q 1250 kg	
Max. lifting height	h3 4.30 m	
Max. outreach	2.62 m	
Reach at max. height	1 m	
Breakout force with bucket	1880 daN	
Weight and dimensions		
Shipping mass (min. / max.)	2550 kg / 2750 kg	
Ground clearance	m4 0.29 m	
Wheelbase	y 2.13 m	
Overall length to carriage (with hitch)	l11 3.47 m	
	13 3.47 m	
Overall length to carriage (without hitch)		
Front overhang	0.77 m	
Overall width	b1 1.49 m	
Overall cab width	b4 0.66 m	
Overall height	h17 1.92 m	
Tilt-down angle	a5 116°	
Tilt-up angle	a4 23 °	
External turning radius (over tyres)	Wa1 2.62 m	
Standard tires	CAMSO - MPT 552 - 10.0/75-15.3 1	24A8
Performances		
Lifting	8.80 s	
Lowering	7 s	
Extension	6.40 s	
Retraction	4.30 s	
Crowd	3.40 s	
Dump	2.60 s	
Engine	2.00 3	
Engine brand	Yanmar	
Engine norm	Stage V / Tier 4 final	
Engine model	3TNV88C-DMU	
Number of cylinders - Capacity of cylinders	3 - 1642 cm³	
I.C. Engine power rating / Power	35.10 Hp / 26.20 kW	
Max. torque / Engine rotation	105 Nm @1950 rpm	
Drawbar pull (Laden)	2000 daN	
Reversible fan	Option	
Engine cooling system	3 radiators (water + hydraulic oil +	fuel)
HVO validated (according to EN 15940 standard)	Yes	
Transmission		
Transmission type	Hydrostatic	
Number of gears (forward / reverse)	2/2	
Max. travel speed (may vary according to applicable regulations)	25 km/h	
Differential lock	Limited slip differential on front and re	ear axles
Parking brake	Automatic negative parking bra	.ke
Service brake	Hydraulic servo brake	
Hydraulics		
Hydraulic pump type	Gear pump	
Hydraulic flow - Pressure	48 I/min - 235 bar	
Flow sharing distributor	Standard	
Tank capacities	Sidiludiu	
	39	
Hydraulic oil		
Fuel tank	351	
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm	76 dB	
Noise to environment (LwA)	104 dB	
Vibration to whole hand/arm	< 2.50 m/s <sup>2</sup>	
Miscellaneous		
Safety cab homologation	ROPS - FOPS level 1 cab	
Controls	JSM	

## ULM 412 H - Dimensional drawing

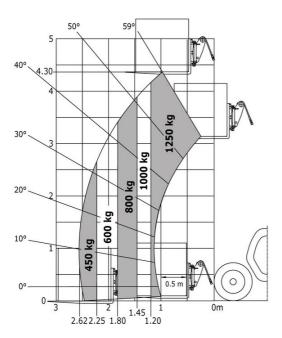






### ULM 412 H - Load chart

#### Machine on tyres with forks Metric







#### **Head Office**

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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